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Substitute for form 1449A/B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary) of Sheet

Complet if Known				
Application Number	10/615,243			
Filing Date	July 9, 2003			
First Named Inventor	MATSUNAGA et al.			
Group Art Unit -	2829			
Examiner Name	Unassigned UNAM			
Attorney Docket Number	402695			

			U	S. PATENT DOCUMENTS		
		U.S. Patent Document				531 5 4 16
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
E.C.	B1	5,532,610		Tsujide et al.	7/2/96	
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		FOREIGN Foreign Patent Document					Translation	
Examiner	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No**
Initials	B 2	JP	4-312943	1	Casio Comput Co Ltd	11/4/92		X+
er	B3	JP	7-115113		NEC Corp	5/2/95		X+
4/C_	B4	JP	9-321088	1	K. K. Hitachi Seisakusyo	12/12/97		X+
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		OTHER - NON PATENT LITERATURE DOCUMENTS	Trans	slation
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No**
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^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

* An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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Substitute for it	m 1449A/B/P1O			Application Number	Unassigned ,'
INFO	DRMATION	DISC	LOSURE	Filing Date	July 9, 2003
	TEMENT B			First Named Inventor	Mitsunori MATSUNAGA
917	I CIVICIAL D	· Ar	LIOAN	Group Art Unit	Wnassigned 28.29
(Use as many sheets as necessary)				Examiner Name	Unassigned (hAn)
Sheet	1	of	1	Attorney Docket Number	402695

			F	OREIGN P.	ATENT DOCUMENTS			
	Doc. No.	Foreign Patent Document					Translation	
Examiner Initials		Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
EV	A 1	JP	4-312943		CASIO COMPUT CO LTD	11/4/1992		X+
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	Examiner Signature	Samela	41.00hp.	Date Considered	9-23-016
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